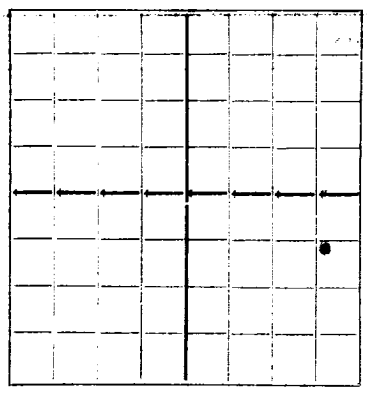
FORM C-105

4579

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

RECEIVED
DEC 20 1939
HOBBS OFFICE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Tide Water Associated Oil Company (Company or Operator) Box 731-Tulsa, Okla. (Address)

State "M" (Lease) Well No. 1 in SE¼ of Sec. 36, T. 16 S

R. 36 E, N. M. P. M., South Lovington Field, Lea County.

Well is 1760 feet ~~North~~ S of the ~~North~~ line and 440 feet west of the East line of Sec. 36-16-36

If State land the oil and gas lease is No. _____ Assignment No. 11222

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Tide Water Associated Oil Company, Address Box 731-Tulsa, Okla.

Drilling commenced 10/30/39 19___. Drilling was completed 12/5/39 19___

Name of drilling contractor Sawyer Drilling Co, Address Tulsa Lean Bldg., Tulsa, Okla.

Elevation above sea level at top of casing 3832 feet.

The information given is to be kept confidential until _____ 19___

OIL SANDS OR ZONES

No. 1, from 4870 to 4900 No. 4, from _____ to _____

No. 2, from 5030 to 5055 No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 110 to 140 feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
13"OD	50	8	LW	284'4"	Bottom Joint Bolled.				Surface
8-5/8"OD	32	8	LW	3014'9"	Larkin				Intermediate
5½"OD	17	10	SS	4535'6"	Larlin				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17½	13"OD	299	225	Halliburton	11#	Hole Full
11	8-5/8"OD	3003	250	"	11#	"
6 3/4	5½"OD	4518	150	"	11#	"

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF ~~SHOOTING~~ CHEMICAL TREATMENT

SIZE	SHELL USED	~~EXPLOSIVE~~ CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Halliburton	1500-Gals.	12/2/39		
		Halliburton	2500-Gals.	12/9/39		

Results of ~~shooting~~ chemical treatment After first treatment well made 2½-bbls per hour with 3 to 4% BS&W swabbing. After second treatment well ~~was~~ produced 3½-bbls per hour with 8 to 10% BS&W by gas lift.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 5068 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 12/16/39 19___

The production of the first 24 hours was 84 barrels of fluid of which 90 % was oil; 10 % emulsion; _____ % water; and _____ % sediment. Gravity, Be 34.0

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Buster Link, Driller C.L. Holloway, Driller

A.P. Cooper, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 17 day of December, 19 39

_____ Notary Public

My Commission expires November 22, 1941.

Hobbs, N.M. (Place) 12/17/39 (Date)

Name Elmer Lamb - D.P.

Position Prod Sup't

Representing Tide Water Assoc Oil Company (Company or Operator)

Address Drawer ~~EK~~, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	95	95	Caliche & Sand
95	130	35	Sand
130	245	115	Sand & Shells
245	260	15	Sand
260	273	13	Quick Sand
273	375	102	Red Bed & Red Rock
375	530	155	Sand & Shale
530	920	390	Red Bed
920	1026	106	Red Bed & Shells
1026	1200	174	Red Bed
1200	1530	330	Red Bed & Shells
1530	1755	225	Red Bed & Shale
1755	1855	100	Red Rock & Shale
1855	1940	85	Broken Anhydrite
1940	2265	325	Anhydrite
2265	2404	139	Salt & Broken Anhydrite
2404	2440	36	Salt
2440	2460	20	Anhydrite
2460	2715	55	Salt & Shells
2715	2915	200	Anhydrite & Salt
2915	3010	95	Anhydrite
3010	3175	165	Anhydrite & Sand Shells
3175	3290	105	Anhydrite & Shale
3290	3525	235	Anhydrite & Red Bed
3525	3600	75	Anhydrite & Shale
3600	3689	89	Anhydrite & Red Bed
3689	3740	51	Red Rock
3740	3752	12	Lime & Anhydrite
3752	3860	108	Anhydrite & Shale
3860	4023	163	Anhydrite & Red Rock
4023	4140	117	Anhydrite & Gyp
4140	4195	55	Anhydrite & Lime Streaks
4195	4383	188	Anhydrite
4383	4450	67	Anhydrite & Lime
4450	4684	234	Lime (Gray)
4684	4717	33	Sandy Lime
4717	4807	90	Lime (Gray)
4807	5068	261	Lime (Brown & Gray) TD Pay 4870'-4900' 5030'-5055'